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Substitution for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number      10/587,088	
<i>(Use as many sheets as necessary)</i>				Filing Date                July 21, 2006	
				First Named Inventor      Shu Kobayashi	
				Art Unit                      1825	
				Examiner Name             John Mabry	
Sheet	1	of	3	Attorney Docket Number    1680/54	

[illegible][illegible]

Examiner Signature	/John Mabry/ (11/03/2010)	Date Considered
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

PTO/SB/08b (07-09)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	2	of	3	Attorney Docket Number	1680/54
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Application Number	10/587,088
Filing Date	July 21, 2006
First Named Inventor	Shu Kobayashi
Art Unit	1625
Examiner Name	John Mabry
Attorney Docket Number	1680/54

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	6	Casas et al., "Direct organocatalytic asymmetric $\alpha$ -hydroxymethylation of ketones and aldehydes," Tetrahedron Letters. No. 45 pgs. 6117-6119 (2004).	
	7	European Supplementary Search Report corresponding to European Patent Application No. 06712459.4 - 1211 dated February 4, 2009.	
	8	International Preliminary Report on Patentability corresponding to International Application No. PCT/JP2005/001086 dated March 29, 2006.	X
	9	International Preliminary Report on Patentability corresponding to International Application No. PCT/JP2006/301293 dated July 31, 2007.	X
	10	International Search Report corresponding to International Application No. PCT/JP2005/001086 dated April 26, 2005.	X
	11	International Search Report corresponding to International Application No. PCT/JP2006/301293 dated June 6, 2006.	X
	12	Kaku et al., "A Novel Route for Chiral Synthesis of the Triazole Antifungal ER-30346," Chemical and Pharmaceutical Bulletin. Vol. 46, No. 7 pgs. 1125-1129 (1998).	
	13	Kobayashi et al., "Bismuth Triflate-Chiral Bipyridine Complexes as Water-Compatible Chiral Lewis Acids," Organic Letters. Vol. 7, No. 21 pgs. 4729-4731 (2005).	
	14	Kobayashi, "Lanthanide Trifluoromethanesulfonates as Stable Lewis Acids in Aqueous Media. Yb(OTf) <sub>3</sub> Catalyzed Hydroxymethylation Reaction of Silyl Enol Ethers with Commercial Formaldehyde Solution," Chemistry Letters. pgs. 2187 -2190 (1991).	
	15	Kumar et al., "Lipase-Catalyzed Chemo- and Enantioselective Acetylation of 2-Alkyl/aryl-3-hydroxypropiphenones," Bioorganic & Medicinal Chemistry. Vol. 9 pgs. 2643-2652 (2001).	

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	16	Kuwano et al., "Asymmetric aldol reaction of 2-cyanopropionates catalysed by <i>trans</i> -chelating chiral diphosphine ligand TRAP-rhodium(I) complex," Chemical Communications. pgs. 71-72 (1998).	
	17	Notice of Allowance corresponding to U.S. Patent Application Serial No. 11/795,525 dated March 20, 2009.	
	18	Official Action corresponding to U.S. Patent Application Serial No. 11/795,525 dated November 26, 2008.	
	19	Reynolds et al., "The Intramolecular Carboxylation Approach to Podophyllotoxin," Journal of the American Chemical Society. Vol. 125 pgs. 12108-12109 (2003).	
	20	Wada et al., "Asymmetric trimethylsilylcyanation of aldehydes utilizing chiral bismuth compounds. A frontier in bismuth mediated synthetic reactions," Tetrahedron. Vol. 8, No. 23 pgs. 3939-3946 (1997).	
	21	Wadamoto et al., "Aldol Synthesis with an Aqueous Solution of Formalin," Synlett. No. 14 pgs. 2219-2221 (2003).	
	22	Written Opinion of the International Searching Authority corresponding to International Application No. PCT/JP2006/301293 dated June 6, 2006.	X
	23	Wu et al., "Chemical studies on the chiral indanone derivatives as the inhibitor of <i>Renilla</i> luciferase," Tetrahedron. Vol. 57 pgs. 9575-9583 (2001).	

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